



# NITFS

## Compliance Registration



**Product:** ELT/1500  
**Sponsor:** Overwatch System Boston Operations  
**Developer:** Overwatch System Boston Operations

**Date:** 30 Nov 2009  
**Expiration:** 29 Nov 2011  
**Registration #:** 2070

### NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☒ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration

☒ Supplemental/Update #

☐ Derived from Reg. #

#### Complexity Level

NITF 2.1 CLEVEL						
		3	5	6	7	
Interpretation						
Generation						
NITF 2.0 CLEVEL						
		1	2	3	4	5 6 7 Oth
Interpretation						
Generation						

### Configurations Tested:

- Windows XP 32-bit

#### Format

NITF

● ● 2.1

● ● 2.0

● ● 1.1

NSIF

● ● 1.0

#### Annotation Segment

Types

● ● Bit Mapped \*\*

● ○ CGM 2301, Function

● ● CGM 2301,

● ● Description

● ● CGM 2301A,

● ● Function\*

Text Segments

● ● Section\*

● ○ Labels \*\*

● ● U8S\*

● ● MTF

#### Image Segment Non-

Compressed

● ● MONO, 1 Band

● ○ RGB, 3 Bands

● ● RGB/LUT, 1 Band

● ● MULTI, Multiband

● ● NODISPLAY, 1 to Multiband

Mask

#### Image Segment Compressed

● ● JPEG DCT

● ● 1 Band

● ● 3 Band

● ● Multiband

● ● Mask

● ○ JPEG Lossless

● ● JPEG Downsample

● ● JPEG 2000\*

● ● Code Stream w/o JP2

● ○ Code Stream w/JP2

● ● 1 Band

● ● 3 Band RGB

● ○ 1 Band RGB/LUT

● ● Multiband

● ○ Mask

● ○ Bi-Level

● ○ Mask

● ○ Vector Quantization

● ○ Mask

#### Data Extension Segments

● ● TRE\_OVERFLOW\*

○ ○ STREAMING\_FILE\_HEADER\*

● ● Controlled Extensions \*\*

● ● Registered Extensions \*\*

#### Tagged Record Extensions

● ○ - ASDE

● ● - CSDE

● ● - DIGEST GeoSDE

● ● - NCDRD

● ● - PIAE

● ○ - RPF

● ○ - IOMAPA

● ● - ICHIPB

● ● - BANDSB

● ● - HISTOA

● ● - J2KLRA

● ● - NBLOCA


#### Legend

Inter Gen

● ● Fully implemented  
● ● Partially implemented  
○ ○ Not implemented

\*\* NITF 2.0 feature

\* NITF 2.1 feature

  
VALERIE BAKER, Lt Col, USAF, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.